Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

		•	•	U				
Daily Target	t Flow for			9/28/2021	to	10/4/2021	MAX	cfs
Observed Stage	Data							
Station WCA-3A (Average for S NESRS2 Regulatory Stage WCA-	ite 63, 64 and 65)	Variable Average Daily Stage Average Daily Stage Average Daily Stage			on	9/24/2021	8.07	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow	Data							
Station S-12A S-12B S-12C S-12D S-333 S-333N S-334 S-12s Total S333 + S333N - S334 ¹ Total Flow to ENP Meteorological	Data	Variable 7-day Average Daily Flow	From	9/18/2021	to	9/24/2021	140 441 0 0 875 0 581 875 1456	cfs
Forecasted WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET			From	9/25/2021	to	10/1/2021	<u>Value</u> 0.88 0.81	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	9/18/2021	to	9/24/2021	<u>Value</u> 3.16 0.81	in
		TTFF A	pplication	on				
 Previous week target flow (calculated with forecasted 7-day QPF Previous week target flow (recalculated with observed rainfall ar Adjustment for forecast (2-1) This week calculated target flow This week target flow with adjustment (3 + 4) Average Daily Target Flow ²				·)			1502 1530 28 MAX MAX	cfs cfs cfs cfs
		TTFF form	ula coefficien	ts				
/CA-3A Average Stage (β1) NESRS2 Stage (β2)		Previous 7-day Average Flow (β3)	Forecast Precipitation (β4)		Forecast PET (β5)		Regulation Schedule Stage (β6	

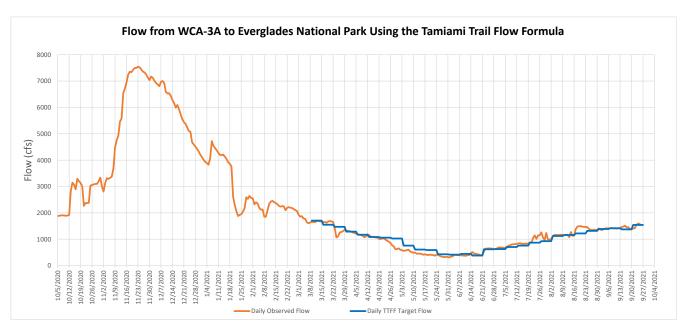
Target flow is distributed from east to west (S-333, S-12D, S-12D, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

24.32

-96.31

0.644

318.42



¹S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.